04-20-06

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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Application Number

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

	10/017,409	
Filing Date	July 10, 2003	
First Named Inventor	Thomas L. CANTOR	
Art Unit	1641	
Examiner Name	C. Cheu	_
Attorney Docket Number	532212000623	

	EN	ICLOSURES (Check all	that appl	у) .	
X Fee Transmittal Form (1 page plus duplicate)		Drawing(s)		After Allowance Communication to TC	
Fee	Attached	Licensing-related Papers		Appeal Communication to Board of Appeals and Interferences	
Amendme	nt/Reply	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
After	Final	Petition to Convert to a Provisional Application		Proprietary Information	
Affid	avits/declaration(s)	Power of Attorney, Revocation Change of Correspondence		Status Letter	
Extension	of Time Request	Terminal Disclaimer		Other Enclosure(s) (please Identify below):	
Express Al	bandonment Request	Request for Refund		PTO/SB/08a/b Form (3 pages plus duplicate)	
X Information (5 pages)	n Disclosure Statement	CD, Number of CD(s)		References (67) Return Receipt Postcard	
Certified Copy of Priority Document(s)		Landscape Table on CD		*[Note: Duplicate copy of Transmittal, Fee Transmittal, SIDS, and PTO/SB/08a/b is enclosed in Box #2. – 14 pages]	
	issing Parts/ Application	Remarks			
Reply to Missing Parts under 37 CFR 1.52 or 1.53		CUSTOMER NO. 25225			
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT					
Firm Name MORRISON & FOEI		RSTER LLP			
Signature	a	<u> </u>			
Printed name	Peng Chen				
Date	April 19, 2006		Reg. No.	43,543	

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill Nos. Box #1 - EV 743885419 US and Box #2 - EV 743885405 US, in two boxes addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: April 19, 2006

(Lenay Rogus)

PTO/SB/17 (01-06)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE to a collection of information unless it displays a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no person are requi	red to respond to a collection of i	nformation unless it di	splays a valid OMB control nu
Jursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	Со	mplete if Know	n
FEE TRANSMITTAL	Application Number	10/617,489	
	Filing Date	July 10, 2003	
For FY 2006	First Named Inventor	Thomas L. CA	NTOR
	Examiner Name	C. Cheu	
X Applicant claims small entity status. See 37 CFR 1.27	Art Unit	1641	
TOTAL AMOUNT OF PAYMENT (\$) 180.00	Attorney Docket No.	532212000623	3
METHOD OF PAYMENT (check all that apply)			
Check Credit Card Money Order No	ne Other (please ide	ntify):	
X Deposit Account Deposit Account Number: 03-1952 Deposit Ac	count Name: M	orrison & Foerst	ter LLP
For the above-identified deposit account, the Director is	s hereby authorized to: (ch	eck all that apply)	
x Charge fee(s) indicated below	Charge fee(s) in	ndicated below, ex	cept for the filing fee
Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17	X Credit any over	payments	
FEE CALCULATION (All the fees below are due upo	n filing or may be sub	ject to a surcha	arge.)
1. BASIC FILING, SEARCH, AND EXAMINATION FEES			
		INATION FEES	
Small Entity Application Type Fee (\$) Fee (\$)	Small Entity Fee (\$) Fee (\$	Small Entity) Fee (\$)	Fees Paid (\$)
Utility 300 150 500	250 200	100	
Design 200 100 100	50 130	65	
Plant 200 100 300	150 160	80	
Reissue 300 150 500	250 600	300	
Provisional 200 100 0	0 0	0	
2. EXCESS CLAIM FEES			Small Entity
Fee Description Each claim over 20 (including Reissues)			Fee (\$) Fee (\$)
Each independent claim over 3 (including Reissues)			50 25 200 100
Multiple dependent claims			360 180
	Paid (\$)	Multiple Depende	
69 - 101 x =			Fee Paid (\$)
HP = highest number of total claims paid for, if greater than 20.		20141	00 1 010 (07
Indep. Claims Extra Claims Fee (\$) Fee	Paid (\$)		
6 -6= x =			
HP = highest number of independent claims paid for, if greater than 3.	•		
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper listings under 37 CFR 1.52(e)), the application size fee do sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and	e is \$250 (\$125 for small		
	additional 50 or fraction there	eof Fee (\$)	Fee Paid (\$)
100 = /50	(round up to a whole number	·) × =	·
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity disc	ount)		Fees Paid (\$)
Other (e.g., late filing surcharge): 1806 Submission of a		e Statement	180.00
SUBMITTED BY			
Signature	Registration No. (Attorney/Agent) 43,543	3 Telephone	(858) 720-5117
Name (Print/Type) Peng Chen		Date	April 19, 2006

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill Nos. Box #1 – EV 743885419 US and Box #2 – EV 743885405 US, in two boxes addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

ated: April / 7, 2006

(Lenay Rogus

Patent Docket No. 532212000623

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Thomas L. CANTOR

Serial No.: 10/617,489

Filing Date: July 10, 2003

For: METHODS, KITS AND ANTIBODIES

FOR DETECTING PARATHYROID

HORMONE

Examiner: C. Cheu

Group Art Unit: 1641

SUPPLEMENTAL INFORMATION DISCLOSURE **STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicant submits for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of non-patent literature documents are submitted herewith. The Examiner is requested to make these documents of record.

Document numbers 5-47 are from Nichols Institute Diagnostics, Inc. v. Scantibodies Clinical Laboratory Inc. and Scantibodies Laboratory, Inc., U.S.D.C. for the Southern District of California, Case No. 02 CV 0046 B (LAB), currently on appeal at the United States Court of Appeals for the Federal Circuit.

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sd-311252

Document numbers 48-63 are from the prosecution histories of the patent owners' related U.S. patent and applications: US 6,743,590 B1; US2004/185536 A1; US2004/229281 A1; and US2005/095631 A1.

Document numbers 64-67 are from the prosecution history of the patent owners' related PCT Patent Applications: WO 00/42437 A1; WO 2005/018413 A2; and WO 2005/018413 A3.

Document numbers 68-70 are from a reexamination proceeding of United States Patent No. 6,030,790, now assigned control No. 90/007,412.

Document number 71 is from a reexamination proceeding of United States Patent No. 6,689,566.

Pursuant to MPEP § 2004.13, the applicant points out the following:

Related U.S. and foreign patent and applications

- US 6,743,590 B1 (the '590 patent) is a continuation-in-part (CIP) of US 6,689,566 B1 (the '566 patent). The present application is a CIP of the '590 patent. Applicant submits herewith certain office actions and responses to the office actions from the prosecution history of the '590 patent (Document numbers 47-59).
- US2004/185536 A1 is a continuation application of the '590 patent. Applicant submits herewith the application and the preliminary amendment. (Document numbers 60-61).
- US2004/229281 A1 is a continuation application of the '590 patent. Applicant submits herewith the application and the preliminary amendment. (Document number 62).
- US2005/095631 A1 is continuation of U.S. Patent Application No. 10/760,091, filed on January 16, 2004, now pending, which is a continuation of the '590

patent. Applicant submits herewith the application and the preliminary amendment. (Document number 63).

• PCT application WO 00/42437 claims priority from the '566 and the '590 patents. PCT application WO 05/01843 claims priority from U.S. Patent Application No. 10/617,489, the present application, which is a CIP of the '590 patent. Applicant submits herewith certain office actions and responses to the office actions from the prosecution history of these two applications (Document numbers 64-67).

<u>Nichols v. Scantibodies.</u> Applicant wishes to bring the Examiner's attention to the following papers from this proceeding:

 On February 1, 2006, the Federal Circuit granted Scantibodies' motion for a stay of the injunction pending appeal (Document No. 35 of the present Form PTO/SB/08a/b).

Reexamination of US patent No. 6,030,790, now assigned control No. 90/007,412

 Nichols filed a First Amendment and Response to Reexamination Office Action on November 28, 2005 (Document No. 71 of the Form PTO/SB/08a/b submitted with the IDS on January 13, 2006) and a Supplemental Amendment on March 7, 2006 (Document No. 69 of the present Form PTO/SB/08a/b).

Reexamination of the '566 patent

Scantibodies commenced a civil action for patent infringement based on the '566 patent: Scantibodies v. Immutopics. Both Scantibodies and Immutopics filed a Request for Ex Parte Reexamination of U.S. Patent 6,689,566. The U.S. PTO merged the two reexamination proceedings (control Nos. 90/007,685 and

90/007,732) on February 16, 2006 (Document No. 71 of the present Form PTO/SB/08a/b).

	11115 111	ionnation Disclosure Statement is submitted:
	With	the application; accordingly, no fee or separate requirements are required.
	Befor	re the mailing of a first Office Action after the filing of a Request for Continued
	Exam	nination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97
	(e)(1)	has been provided.
	With	in three months of the application filing date or before mailing of a first Office Action
	on the	e merits; accordingly, no fee or separate requirements are required. However, if
	appli	cable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
\boxtimes	After	receipt of a first Office Action on the merits but before mailing of a final Office Action
	or No	otice of Allowance.
		A fee is required. A check in the amount of is enclosed.
	\boxtimes	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to
		this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is
		believed to be due.
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue	fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the
		amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicant would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing <u>532212000623</u>.

Dated: April <u>1</u>, 2006

Respectfully submitted,

By___

Peng Chen

Registration No.: 43,543

MORRISON & FOERSTER LLP

12531 High Bluff Drive

Suite 100

San Diego, California 92130-2040

(858) 720-5117

APR 19 2006

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Complete if Known				
Application Number	10/617,489			
Filing Date	July 10, 2003			
First Named Inventor	Thomas L. CANTOR			
Art Unit	1641			
Examiner Name	C. Cheu			
Attorney Docket Number	532212000623			

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials*	No.1	Number-Kind Code² (# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
	1.	US-6,743,590	06-01-2004	Cantor			
	2.	US-2004/0219598-A1	11-04-2004	Cantor			
	3.	US-2004/0229281-A1	11-18-2004	Cantor			
	4.	US-2005/0095631-A1	05-05-2005	Cantor			

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5.	Deposition of Knut Adermann, taken on June 26, 2003	
	6	Deposition of James T. Carmichael, taken on June 26, 2003	
	7.	Deposition of Roger T. Frost, taken on June 25, 2003	
	8.	Deposition of Allen Garrett, taken on November 6, 2002	
	9.	Deposition of Allen Garrett (30(b)(6)), taken on September 19, 2003	ļ
	10.	Deposition of Frank Hall, M.D., taken on September 9, 2003	
	11.	Deposition of Michael R. Hamrell, taken on January 26, 2005	
	12.	Deposition of Michael Harder, taken June 27, 2003	
	13.	Deposition of Dieter Hock, Ph.D., taken on November 18, 2002	
	14.	Deposition of Hartmut Malluche, M.D., taken on September 26, 2003	
	15.	Deposition of Vivian Shen, taken on June 25, 2003	
	16.	Deposition of Ellen Vitetta, taken on January 20, 2005	
	17.	Deposition of Thomas Wiseman, taken on January 25, 2005	
,	18.	Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 10, 2006	
	19.	Appellant's Appendix to Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 10, 2006	
	20.	Final Judgment and Stay of Enforcement, filed January 19, 2006	
	21.	Declaration of Katherine L. Parker in Support of Scantibodies' Supplemental Brief in Support of Emergency Motion to Stay Injunction Pending Appeal, filed January 19, 2006	
	22.	Nichols' Response to Scantibodies' Motion to Dismiss Nichols' Cross-Appeal, filed January 23, 2006	
	23.	Plaintiff-Cross Appellant's Appendix to Nichols' Response to Scantibodies' Motion to Dismiss	

Examiner		Date	
Signature		Considered	
			

Substitute for form 1440/DTO		Complete if Known			
Substitute for form 1449/PTO				Application Number	10/617,489
INFORMATION DISCLOSURE			SCLOSURE	Filing Date	July 10, 2003
	STATEMENT BY APPLICANT			First Named Inventor	Thomas L. CANTOR
ľ	OTATEMENT BY ALL EIGANT			Art Unit	1641
	(Use as many sho	eets as	s necessary)	Examiner Name	C. Cheu
Sheet	2	of	3	Attorney Docket Number	532212000623

	Nichols' Cross-Appeal, filed January 23, 2006	_
 24.	Scantibodies' Reply in Support of Motion to Dismiss Nichols' Cross-Appeal, filed January 25,	
	2006	
25.	Declaration of John E. Peterson in Support of Nichols Institute Diagnostics, Inc.'s Motion For	_
 	Judgment as a Matter of Law on Damages, filed January 27, 2006	
26.	Notice of Motion and Motion for Nichols Institute Diagnostics, Inc.'s Motion For Judgment as a Matter of Law on Damages, filed January 27, 2006	
27.	Memorandum of Points and Authorities in Support of Nichols Institute Diagnostics, Inc.'s Motion For Judgment as a Matter of Law on Damages, filed January 27, 2006	
 28.	Nichols Institute Diagnostics, Inc.'s Notice of Motion and Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006	
29.	Nichols Institute Diagnostics, Inc.'s Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006	
30.	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed January 27, 2006	
31.	Nichols Institute Diagnostics, Inc.'s Notice of Motion and Motion for Enhancement of Damages, filed January 27, 2006	
32.	Nichols Institute Diagnostics, Inc.'s Memorandum of Points and Authorities in Support of Motion for Enhancement of Damages, filed January 27, 2006	
33.	Declaration of April M. Alex in Support of Motion for Enhancement of Damages, filed January 27, 2006	
 34.	Appellants Scantibodies' Opening Brief, filed January 30, 2006	
 35.	Order Granting Stay Pending Appeal and Dismissing Nichols' Cross-Appeal, filed February 1, 2006	
36.	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Application for Award of Attorney's Fees and Expenses, filed February 2, 2006	
37.	Notice of Motion and Motion in Support of Nichols Institute Diagnostics, Inc.'s Memorandum of Points and Authorities in Support of Application for Award of Attorneys' Fees and Expenses, filed February 2, 2006	
38.	Nichols Institute Diagnostics, Inc.'s Memorandum of Points and Authorities in Support of Application for Award of Attorneys' Fees, filed February 2, 2006	
 39.	Declaration of April M. Alex in Support of Nichols Institute Diagnostics, Inc.'s Memorandum in Support of Application to Tax Costs, filed February 2, 2006	
40.	Scantibodies' Memorandum of Points and Authorities in Support of Opposition to Nichols' Motion for Prejudgment Interest, filed February 17, 2006	
41.	Consolidated Declaration of Katherine L. Parker in Support of Scantibodies' Oppositions to Nichols' Motions Re 1) Willfulness; 2)Enhanced Damages; and 3) Attorneys' Fees, filed February 17, 2006	-
42.	Scantibodies' Memorandum of Points and Authorities in Support of Opposition to Nichols' Motion for Judgment as a Matter of Law Re: Willfulness and in the Alternative for a New Trial, filed February 17, 2006	
 43.	Scantibodies' Memorandum of Points and Authorities in Support of Opposition to Nichols' Motion for Application for Award of Attorneys' Fees and Expenses, filed February 17, 2006	
44.	Nichols Institute Diagnostics, Inc.'s Reply in Support of its Application for Award of Attorneys' Fees and Expenses, filed February 27, 2006	
 45.	Nichols Institute Diagnostics, Inc.'s Reply Memorandum of Points and Authorities in Support of	_

Examiner	Date
Signature	Considered

Substitute for form 1449/PTO				Complete if Known		
Suc	ostitute for form 1449/PTO			Application Number	10/617,489	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	July 10, 2003	
				First Named Inventor	Thomas L. CANTOR	
				Art Unit	1641	
				Examiner Name	C. Cheu	
Sheet	3	of	3	Attorney Docket Number	532212000623	

	Motion for Enhancement of Damages, filed February 27, 2006	_
46.	Nichols Institute Diagnostics, Inc.'s Reply Motion for Prejudgment Interest, filed February 27,	
	2006	_
47.	Nichols Institute Diagnostics, Inc.'s Reply Motion for Judgment as a Matter of Law RE:	
	Willfulness and in the Alternative for a New Trial, filed February 27, 2006	
48.	Office Action for 09/344,639 mailed on September 20, 2000	
49.	Petition for Extension of time of Two Months and Amendment for 09/344,639, dated February 7, 2001	
50.	Declaration of Dr. Ping Gao dated February 7, 2001	
51.	Supplemental Amendment for 09/344,639 dated July 11, 2001	
52.	Supplemental Amendment Under 37 CFR 1.111 for 09/344,639 dated May 20, 2002	
53.	Second Supplemental Amendment for 09/344,639 dated March 18, 2003	
54.	Third Supplemental Amendment for 09/344,639 dated March 28, 2003	
55.	Notice of Allowability for 09/344,639 mailed on April 7, 2003	
56.	Interview Summary for 09/344,639 dated March 11, 2003	
57.	Amendment Under 37 CFR 1.312 for 09/344,639, dated July 8, 2003	
58.	Comments on Statements of Reasons for Allowance for 09/344,639, dated July 8, 2003	_
59.	Office Communication for 09/344,639 mailed on December 29, 2003	
60.	Application and Preliminary Amendment for 10/641,780 filed August 15, 2003	-
61.	Second Preliminary Amendment for 10/641,780 filed January 3, 2006	
62.	Application and Preliminary Amendment for 10/760,091 filed January 16, 2004	
63.	Application and Preliminary Amendment for 10/945,608 filed on September 20, 2004	_
64.	International Preliminary Examination Report for PCT/US00/00855, mailed on February 16, 2001 (WO 00/42437)	
65.	Written Opinion for PCT/US04/21896 mailed on March 7, 2005 (WO 05/01843)	
66.	PCT Demand and Response to the Written Opinion for PCT/US04/21896, mailed on June 6, 2005 (WO 05/01843)	
67.	International Preliminary Report on Patentability for PCT/US04/21896, mailed on September 20, 2005 (WO 05/01843)	
68.	Miscellaneous Communication for Reexam Control No. 90/007,412, filed March 1, 2006	
69.	Supplemental Amendment to Reexam Control No. 90/007,412, filed March 7, 2006	
70.	Miscellaneous Communication for Reexam Control No. 90/007,412, filed March 9, 2006	
71.	Decision Merging Reexamination Proceedings Control No. 90/007,685 and 90/007,732, mailed on February 16, 2006	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Examiner	Dat	te	
Signature	Cor	nsidered	

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.